

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as set forth below:

~~The present invention relates to a~~ A vacuum pump and a method of starting a vacuum pump. The vacuum pump includes a pump rotor [[(+)]] rotatably disposed in a casing [[(2)]], and a pump-rotor controller [[(15)]] for controlling rotation of the pump rotor [[(+)]] in a forward direction or a reverse direction in accordance with a predetermined pattern at the time of starting the vacuum pump.